(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



T DERA BURGUS I TERRIT DURK BERG BOKK BULL KARB BUKK KINDEN BERG BIRA BIRA BURK BURK BURK BURK BURK BURK BURK

(43) International Publication Date 8 April 2004 (08.04.2004)

PCT

(10) International Publication Number WO 2004/028332 A1

(51) International Patent Classification7:

A47L 25/00

(21) International Application Number:

PCT/CA2002/001475

(22) International Filing Date:

30 September 2002 (30.09.2002)

(25) Filing Language:

English

(26) Publication Language:

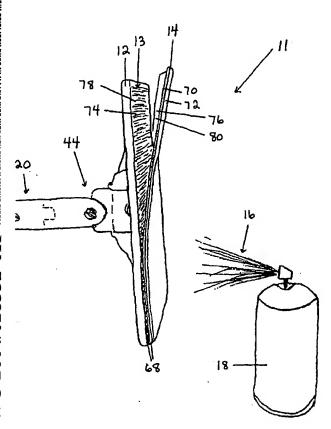
English

- (71) Applicant (for all designated States except US): TACKY TOOLS INC. [CA/CA]; 10044 - 116 Street, Edmonton, Alberta T5K 1V7 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): O'NEILL, Michael, William [CA/CA]; Suite 101, 10040 - 116 Street, Edmonton, Alberta T5K 1V7 (CA). DAVEY, Allen, Grant [CA/CA]; 165 Highland Way, Sherwood Park, Alberta T8A 5R2 (CA).

- (74) Agents: GARWASIUK, Helen et al.; Smart & Biggar, 1501 - 10060 Jasper Avenue, Scotia Place, Tower Two, Edmonton, Alberta T5J 3R8 (CA).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: RECHARGEABLE CLEANING DEVICE, METHOD AND SYSTEM



(57) Abstract: The invention is directed at a cleaning device (11) for picking up debris, a cleaning device system and a method using the device. The system includes: a support member (12) including a support surface (13); a cleaning pad (14) having an attachment side (70) and a substrate side (72), wherein the attachment side (70) is adapted to be releasably attached with the support surface (12) and the substrate side (72) is adapted to accept an application of an adhesive material (16); an amount of the adhesive material; and an adhesive material applicator (18), for applying the adhesive material to the substrate side (72) of the cleaning pad (14). The device is comprised of the support member (12) and the cleaning pad (14). The method is comprised of: releasably attaching the attachment side (70) of the cleaning pad (14) with the support surface; applying a layer of the adhesive material (16) to the substrate side (72) of the cleaning pad (14); and contacting the substrate side with the debris.